

# Sea State Conditions

## *(Pierson-Moskowitz Sea Spectrum)*

Sea state 3 for JLOTS operations is defined as the combination of sea and swell components, in the littorals, of significant wave heights ( $H_{1/3}$ ) ranging from 3.5 to 5.0 ft. and wind speeds from 13.7 to 16.4 knots.



### Sea State 0:

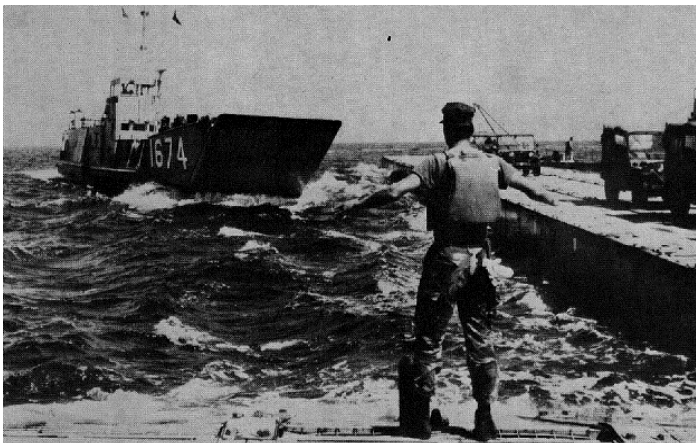
*Wave Height: 0.1 - 0.15 ft*

*Wind Speed: 2.5 - 2.8 kts*

### Sea State 1:

*Wave Height: 0.5 - 1.2 ft*

*Wind Speed: 5.1 - 8.0 kts*



### Sea State 2:

*Wave Height: 1.5 - 3.0 ft*

*Wind Speed: 5.0 - 12.7 kts*

### Sea State 3:

*Wave Height: 3.5 - 5.0 ft*

*Wind Speed: 13.7 - 16.4 kts*

